

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	0	liquid near crystal and nozzl\$4 with (gap or distance or space or height) with contrl \$4	USPAT	OR	OFF	2010/10/27 16:43
L3	0	liquid near crystal and nozzl\$4 with (gap or distance or space or height) with contrl \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 16:43
L4	930	liquid near crystal and nozzl\$4 with (gap or distance or space or height) with control\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 16:43
L5	440	liquid near crystal and nozzl\$4 with (gap or distance or space or height) with control\$4 and laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 16:43
L6	253	liquid near crystal and nozzl\$4 with (gap or distance or space or height) with control\$4 and laser and switch \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 16:44
L7	203	liquid near crystal and nozzl\$4 with (gap or distance or space or height) with control\$4 and laser and switch \$4 and (rate or speed\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 16:44

L8	24	liquid near crystal and noz\$4 with (gap or distance or space or height) with control\$4 and laser with sensor and switch\$4 and (rate or speed\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/27 16:44
S1	1	10/660655	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/24 13:51
S2	9	"6391378"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 21:16
S3	0	10/660655	USPAT	OR	OFF	2009/08/21 15:20
S4	1	10/660655	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/21 15:20
S5	0	laser near sensor with ( movement with substaret)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/21 15:21
S6	0	laser near sensor with ( movement with substaret)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/21 15:21
S7	2	laser near sensor with ( movement with substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/21 15:22

S8	0	laser near sensor with ( lift\$4 with substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/21 15:22
S9	4	laser near sensor same ( lift\$4 with substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/21 15:22
S10	0	laser near sensor same ((dispens\$4 or deposit\$4 or drop\$4)with substrate) and lift \$4 with sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/21 15:24
S11	0	laser near3 sensor same ((dispens\$4 or deposit\$4 or drop \$4)with substrate) and lift \$4 with sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/21 15:24
S12	46	laser near3 sensor and ((dispens\$4 or deposit\$4 or drop \$4)with substrate) and lift \$4 with sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/21 15:24
S13	97	laser near3 sensor with displac\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/21 15:29
S14	45974	OSHIMA.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/21 15:42
S15	155063	HIDEO.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/21 15:42

S16	575	S14 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/21 15:42
S17	20	S14 and S15 and laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/21 15:43
S18	0	S14 and S15 and laser near sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/21 15:43
S19	1	S14 and S15 and laser near3 sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/21 15:43
S20	2162872	S14 and S15 and laser nwth sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/21 15:43
S21	1	S14 and S15 and laser with sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/21 15:43
S22	335011	seiko.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/21 15:44
S23	118	S22 and laser near3 sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/21 15:44

S24	25	S22 and laser near sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/21 15:44
S25	0	laser near sensor with ( movement with substaret)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/22 18:11
S26	15001	liquid near crystal and nozzle and substrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/22 18:13
S27	105	liquid near crystal and nozzle and substrate and (spacing or distance) with (nozzle or syringe or needle) with substrate with(lift\$4 or rais \$4 or lower\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/22 18:14
S28	246	liquid near crystal and nozzle and substrate and (spacing or distance) with (nozzle or syringe or needle) with substrate with(lift\$4 or rais \$4 or lower\$4 or move\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/22 18:15
S29	219	liquid near crystal and nozzle and substrate and (spacing or distance) with (nozzle or syringe or needle) with substrate with(lift\$4 or rais \$4 or lower\$4 or move\$4)and (speed\$4 or rate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/22 18:15

S30	49	liquid near crystal and nozzle and substrate and (spacing or distance) with (nozzle or syringe or needle) with substrate with(lift\$4 or rais \$4 or lower\$4 or move\$4)with (speed\$4 or rate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/22 18:17
S31	1	10/660655	USPAT	OR	OFF	2010/10/26 18:08
S32	2	10/660655	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/26 18:08

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